(c) whether Government have received any proposal from retired scientists to undertake a survey on the subject, if so, the action taken thereon ?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY, DEPARTMENT OF ELECTRONICS AND DEPARTMENT OF OCEAN DEVELOPMENT AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS (SHRI P. R. KUMARAMANGALAM) : (a) Yes, Sir ; a study has been conducted by the Technology Information, Forecasting and Assessment Council (TIFAC), Department of Science and Technology, New Delhi through a Consultant Organisation. The current market size in India is estimated to be about Rs. 20 crores.

(b) The major areas of application of enzymes are for the manufacture of 6 amino pencillanic acid, dextrose monohydrate, dextrose anhydrous, therapeutic digestive enzymes, leather bating, textile designing, cheese manufacture, chill proofing of bear and detergent industry. The current foreign exchange spent is estimated at Rs. 7.5 crores annually and indigenous production is worth about Rs. 5 crores.

(c) No proposal is pending with the Government.

Development of Indigenous Light Transport Air Craft

524. DR. NAUNIHAL SINGH : Will the PRIME MINISTER be pleased to state :

(a) whether it is a fact that Government have cleared a project for development of indigenous light transport aircraft; and

(b) if so, what are the details thereof ?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY, DEPARTMENT OF ELECTRONICS AND DEPARTMENT OF OCEAN DEVELOPMENT AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS (SHRI P. R. KUMARAMANGALAM) : (a) and (b) Under the Integrated Long Term Programme (ILTP) of collaboration in Science and Technology agreed to by the Governments of India and Russia, National Aerospace Laboratories (NAL), Bangalore is collaborating with the Myasishchev Design Bureau (MDB) of Russia for the development of Light Transport Aircraft (LTA). The understanding with Myasishchev Design Bureau (MDB) of Russia for collaboration on the development of LTA is, chiefly, on a work-sharing basis.

Programme for Launching PSLV

525. SHRI SHIV PRATAP MISHRA : Will the PRIME MINISTER be pleased to state :

(a) whether it is a fact that India's next PSLV (Polar Satellite Launch Vehicle) is likely to be launched within the next two years, and

(b) if so, the measures Government propose to take to speed up the programme ?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI BHUVNESH CHATURVEDI) : (a) The first development flight of PSLV is planned in second half of 1993. The second development flight is scheduled one year after the first flight.

(b) Does not arise.

Utilisation of "GRAMSAT" Satellite

526. SHRI S. S. AHLUWALIA : Will the PRIME MINISTER be pleased to state :

(a) whether it is a fact that the Space Commission is looking for users for its "GRAMSAT" Satellite devoted exclusively to rural education in the country;

(b) if so, what are the details thereof;

(c) whether Government propose to make use of the Satellite on Doordarshan network in the country;

(d) if not, the reasons therefor; and

(e) the manner in which Government propose to make use of the Satellite lying idle with the Space Commission ?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI BHUVNESH CHATURVEDI) : (a) to (e) The Indian Space Research Organisation (ISRO) has envisaged a concept of a dedicated satellite "GRAMSAT" that could be launched by ISRO's Geosynchronous Satellite Launch Vehicle (GSLV). The salient features of the satellite are its compatibility with GSLV and a configuration that would be suitable for transmitting signals for reception directly by augmented TV receivers and also for terrestrial rebroadcasting. The satellite could be used for eradicating illiteracy in rural areas and for rural development through audio visual education in health, hygiene, better agricultural practices, family planning etc., in the local language taking into consideration, local specific and culture specific requirements of each region. The proposal is yet to be considered by the Government.

Department of Space (DOS) has in parallel initiated necessary discussions with user agencies, such as, Ministries of Information and Broadcasting, Human Resources Development, Education, Rural Development, etc., to optimise the utility and usability of the satellite for the programmes and also to examine the development of infrastructure necessary before a GRAMSAT could be launched.

12.00 NOON

Homage to Oliver Tambo and Chris Hany, Leaders of African National Congress

MR. CHAIRMAN : Hon. Members, I have to make a reference from the Chair. This House notes with anguish the sad demise of Oliver Tambo and the dastardly assassination of Chris Hany, two towering personalities of the African National Congress. Oliver Tambo ably led the people of South Africa in their struggle against the racist regime during the long incarceration of Nelson Mandela. Chris Hany was the General Secretary of the Communist Party of South Africa which is a component of the South African people's struggle under the leadership of the African National Congress. This House pays homage to the departed leaders and wishes the people of South Africa success in their struggle against the apartheid regime, a struggle with which India has been associated since the days of Mahatma Gandhi.

Report and Accounts (1991-92) of the Paradeep Phosphates Limited, Bhubaneswar, and related papers

PAPERS LAID ON THE TABLE

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS (SHRI EDUARDO FALEIRO) : Sir, I lay on the Table—

I. A copy each (in English and Hindi) of the following papers, under sub-section (1) of section 619A of the Companies Act, 1956 :—

(i) Tenth Annual Report and Accounts of the Paradeep Phosphates Limited, Bhubaneswar, for the year 1991-92, together with the Auditors' Report on the Accounts and the comments of the Comptroller and Auditor General of India thereon.

(ii) Review by Government on the working of the above Company.

II. Statement (in English and Hindi) giving reasons for the delay in laying the papers mentioned at (I) above.